TELETYPE CORPORATION

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43 teleprinter

COMMUNICATIONS TIME-SHARING COMPUTER I/O

When it comes to **economy, versatility** and **reliability** you'll find the Teletype® 43 teleprinter is in a class by itself. This low-cost communications terminal delivers true 30 character per second throughput, up/low printing and 132 column format capability on 11" wide fanfold paper.

The 43 features a unique **9-wire matrix impact printhead** mechanism that provides superior service life and exceptional printing quality. This departure from the typical 7-wire printhead design permits our lower-case characters to show **true descenders** for increased legibility.

Under the 43's low silhouette cover we've kept hardware to a minimum, and packed our solid-state circuitry with **more capabilities** at less cost to you. The terminal is operator selectable to send or receive at 10 or 30 cps in either the half- or full-duplex mode with even parity detection on or off.

Whatever your application, **time-sharing, data inquiry/response** or **simply communicating** point-to-point over the dialed switch network or private-line, the 43 teleprinter was engineered with you in mind. It delivers printing quality, reliability and serviceability **unsurpassed in price/performance** value. And its compatible with systems that support the popular Teletype model 33 terminals.

For those who desire direct access to their computer for statistical and accounting data, the 43 teleprinter is the solution. This quiet operating terminal occupies no more space than an ordinary typewriter, yet prints up to a **132 character line**...and provides cost savings in the process. That's because it prints at 13 characters per inch on 12" wide by 8½" long fanfold paper which becomes a handy 8½" by 11" size when the ½" serrated margins are removed. Now business reports and tabular listings can be received where and when you need them and in a convenient size for reproducing and storing.

Our pin-feed 43 is also ideal for preparing other documents associated with business activities including purchase orders, shipping papers and invoices to name a few.

A number of user-oriented features will serve to increase data throughput and reduce operator errors. Here are just a few examples:

Our **solid-state keyboard** is very responsive and exceptionally easy to use. Its similar in touch and appearance to that of an office typewriter. Users can type as fast as their skills permit, thanks to our buffered keyboard. Margins can be set locally or on-line. The keyboard also includes **Print Test and Interrupt Keys,** the former to enable the user to quickly check printer operation and the latter to halt a sender from further transmission.

Other user aids include **last character visibility,** a print indicator that lets you know exactly where you are, an end-of-line bell indicator, and a paper alarm. If the sender occasionally fails to generate a carriage return and line feed, data is not lost. The receiving 43 teleprinter will automatically carriage return and line feed. These functions do not require fill characters by the sender. **True throughput speed** is achieved without interruption due to the terminal's **receive buffer** and printer's catch-up speed capability.

Simplicity of design and **modular construction** make the 43 teleprinter exceptionally easy to maintain. The terminal is comprised of **five pluggable major components.** Disassembly takes only a few minutes with only a screwdriver and wrench required. With **built-in test capability** to isolate the trouble and modular components for speedy replacement, downtime is very minimal.

Teletype Corporation products are supported by our nationwide Product Service Organization.

FEATURES

Operator Selectable Controls & Indicators

— Local
— Term Ready
— Line
— Interrupt
— Alarm
— Printer Test
— Parity Off/On
— Half or Full Duplex
— 30 to 10 cps

Printer

- Prints up to 132/char line with characters spaced horizontally at approximately 13/inch and lines vertically at 6/inch.
- Accomodates up to 3-ply fanfold paper 12" wide by 8½" long. Becomes convenient 8½" by 11" size by removing serrated tear margins.
- Characters formed by a 9-wire matrix impact printhead printing a combination of up to 7 out of 9 dots vertically and up to 4 dots horizontally.
- Prints full 94 ASCII character set (upper/lower case) plus parity error symbol.
- Last character visibility.
- Print position indicator with scale.
- End-of-line indicator (bell sounds 8 chars before and at EOL).
- Ribbon cartridge (continuous inking) for easy replacement.

Keyboard

- Typewriter-like solid-state keyboard generates all 128 ASCII code combinations.
- Back Space, operator and on-line.
- Caps Lock Feature.
- Adjustable margins, operator (keyboard) and on-line.
- Repeat Key
- N — Key rollover permits multiple key depression without error.

General

- Modular components for easy replacement.
- Built-in test feature.

TECHNICAL HIGHLIGHTS

Transmission Asynchronous at 110 or 300 bits per second.
Code: 1968 ASCII.
Interface: EIA (RS232).
Electrical Requirements: 115 VAC @ 50/60 Hz.
Dimensions & Weight (approx.)
Height: 5½"; Width: 18", Depth: 21½", Weight: 30 lbs.

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